

Missouri Department of Natural Resources

Total Maximum Daily Load Information Sheet

Wallace State Park Lake (Lake Allaman)

Waterbody Segment at a Glance:

County: Clinton
Nearby Cities: Cameron, Turney
Area of impairment: 6 Acres
Pollutant: Fecal Coliform bacteria
Source: Unknown



State map showing location of watershed

Added to the 303(d) List in 2002.

TMDL Priority Ranking: Medium

Description of the Problem

Beneficial uses of Wallace State Park Lake:

- Livestock and Wildlife Watering
- Protection of Warm Water Aquatic Life
- Protection of Human Health associated with Fish Consumption
- Boating and Canoeing
- Whole Body Contact Recreation (Swimming)

Use that is impaired

- Whole Body Contact Recreation (Swimming)

Standards that apply

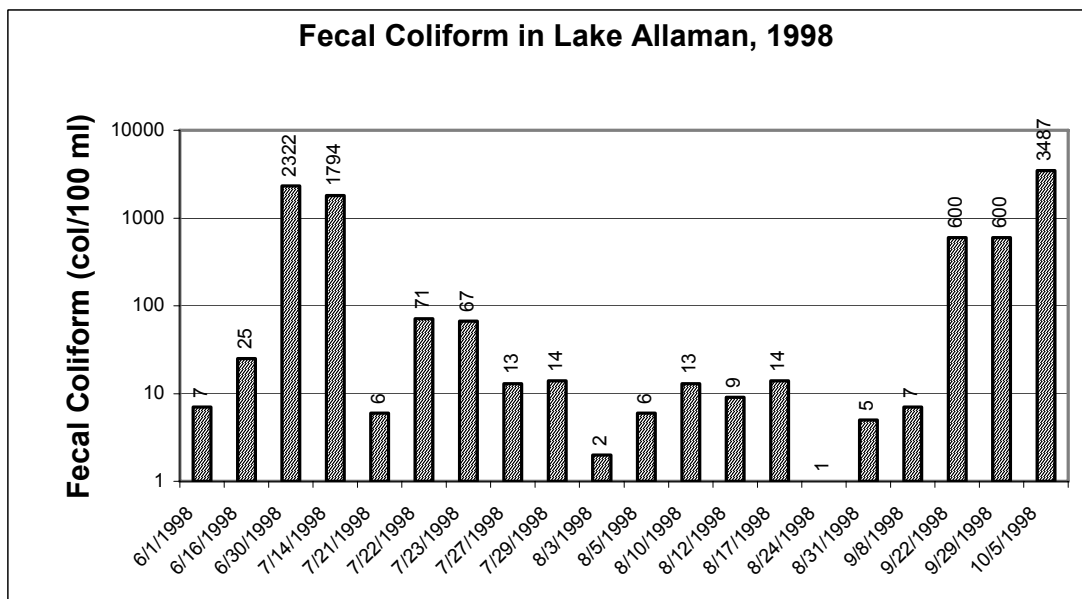
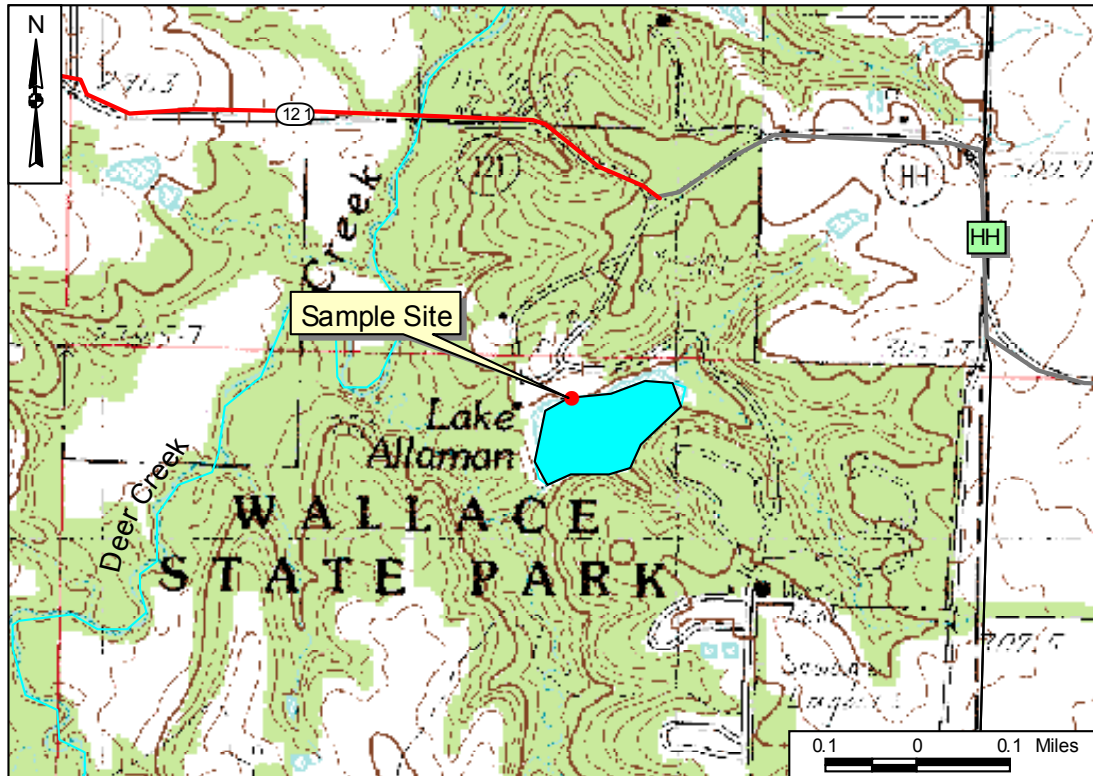
- State Water Quality Standards, 10 CSR20-7.031 (4)(C), require that fecal coliform bacteria levels in waters protected for swimming shall not exceed 200 bacterial colonies/100 milliliters (ml) of water during the recreational season (April 1 through October 31). Federal guidelines also suggest rating waters as impaired if more than 10 percent of all samples exceed 400 bacterial colonies/100 ml or if there are any closures of swimming areas due to high bacteria levels.

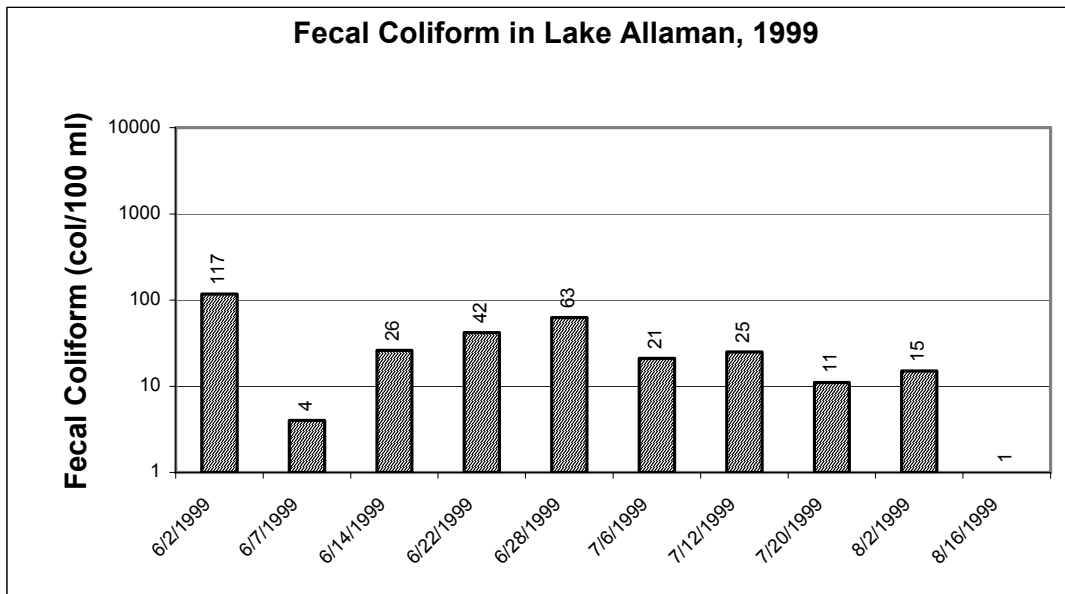
Background information and Water Quality Data

Wallace State Park Lake is monitored weekly during the summer for fecal coliform bacteria. During 1999, the seasonal geometric mean fecal coliform level was 18/100 ml and there were no swimming area closures. However in 2000, the geometric mean fecal coliform level was 207/100 ml and there were two swimming area closures of one week's duration each. The source of the

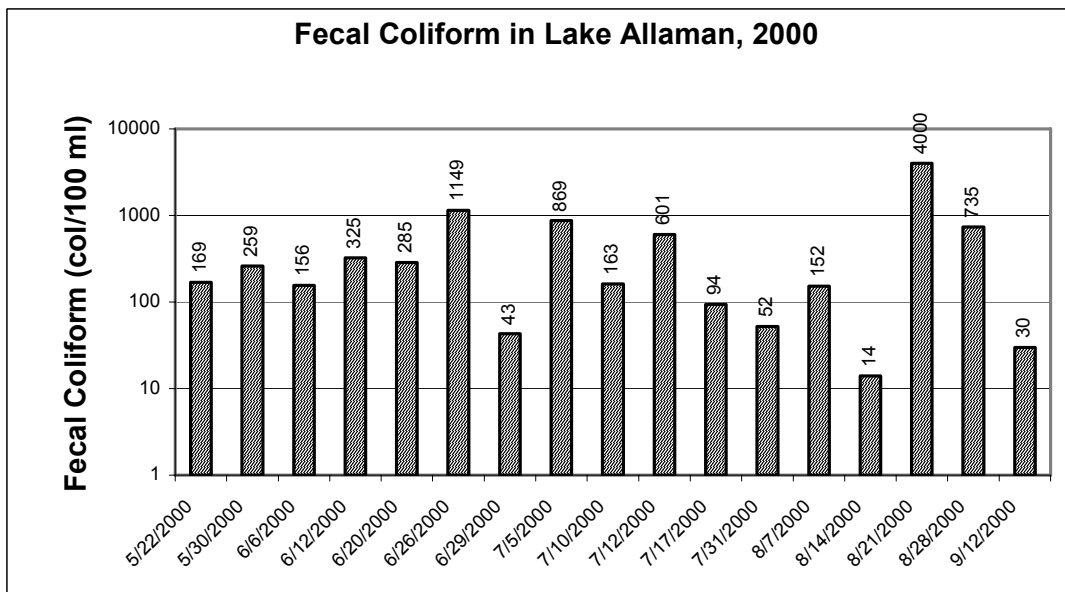
bacterial contamination is unknown, but rural nonpoint stormwater runoff and use of the lake by waterfowl are suspected to be the major causes.

Map of Lake Allaman in Wallace State Park, Clinton County Showing Sampling Site





Source: Missouri Department of Natural Resources



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For more information call or write:

Missouri Department of Natural Resources
Water Protection Program

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